



IFW  
**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q85588

Tasuku HONJO, et al.

Appln. No.: 10/519,925

Group Art Unit: 1651

Confirmation No.: 9146

Examiner: Not yet assigned

Filed: January 3, 2005

For: IMMUNOPOTENTIATIVE COMPOSITION

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

**MAIL STOP AMENDMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, along with a copy of the corresponding Communication from a Foreign Patent Office, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

Please note that WO 01/14557A, WO 02/00730A and WO 02/078731A were previously submitted as part of an IDS on January 3, 2005. Therefore, we are not submitting copies.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
U.S. Appln. No.: 10/519,925

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The present Information Disclosure Statement is being filed thirty days or fewer from the communication from a foreign patent office and a Statement Under 37 C.F.R. §1.704(d) is attached.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



Mark Boland  
Mark Boland  
Registration No. 32,197

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE  
23373  
CUSTOMER NUMBER

Date: November 16, 2006



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q85588

Tasuku HONJO, et al.

Appln. No.: 10/519,925

Group Art Unit: 1651

Confirmation No.: 9146

Examiner: Not yet assigned

Filed: January 3, 2005

For: IMMUNOPOTENTIATIVE COMPOSITION

**STATEMENT UNDER 37 C.F.R. § 1.704(d)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned hereby states, upon information and belief:

That each item of information contained in the Information Disclosure Statement filed concurrently herewith was cited in a communication from a foreign patent office in a counterpart foreign application, and that the communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of said Information Disclosure Statement.

Respectfully submitted,

Mark Boland  
Registration No. 32,197

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE  
23373  
CUSTOMER NUMBER

Date: November 16, 2006



**Substitute for Form 1449 A & B/PTO**

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet

1

f

*Complete if Known*

Application Number	10/519,925
Confirmation Number	9146
Filing Date	January 3, 2005
First Named Inventor	Tasuku HONJO
Art Unit	1651
Examiner Name	Not yet assigned

Attorney Docket Number Q85588

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		XP-002958254, Hideto Tamura et al., "B7-H1 costimulation preferentially enhances CD28-independent T-helper cell function" (2001), Blood, Vol. 97, No. 6, pp. 1809-1816	
		XP-002397368, Haidong Dong et al., "Tumor-associated B7-H1 promotes T-cell apoptosis: A potential mechanism of immune evasion" (2002), Nature Medicine, vol. 8, No. 8, pp. 793-800	
		XP-000971789, Hiroyuki Nishimura et al., "Immunological studies on PD-1-deficient mice: implication of PD-1 as a negative regulator for B cell responses" (1998), International Immunology, Vol. 10, No. 10, pp. 1563-1572	
		XP-002398158, Tomohide Yamazaki et al., "Expression of Programmed Death 1 Ligands by Murine T Cells and APC <sup>1</sup> " (2002), The Journal of Immunology, Vol. 169, No. 10, pp. 5538-5545	
		XP-002398159, Yoshiko Iwai et al., "Involvement of PD-L1 on tumor cells in the escape from host immune system and tumor immunotherapy by PD-L1 blockade" (2002), Proceedings of the National Academy of Sciences of the United States of America, Vol. 99, No. 19, pp. 12293-12297	
		XP-008068416, Kyri Zuberek et al., "The Role of In Vivo PD-1/PD-L1 Interactions in Syngeneic and Allogeneic Antitumor Responses in Murine Tumor Models" (2001), Blood, Vol. 98, No. 11, pp. 42B	

<b>Examiner Signature</b>		<b>Date Considered</b>	
---------------------------	--	------------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.



**Substitute for Form 1449 A & B/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 2

*Complete if Known*

Application Number	10/519,925
Confirmation Number	9146
Filing Date	January 3, 2005
First Named Inventor	Tasuku HONJO
Art Unit	1651
Examiner Name	Not yet assigned
Attorney Docket Number	Q85588

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		Partial European Search Report dated October 26, 2006	

**Examiner Signature** \_\_\_\_\_ **Date Considered** \_\_\_\_\_

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.